|                                 | PATENT A   | · E  | Mecha  | 6 Moaem                                  | ber 10, 1998  |   |  |  |                        |                | 71   |                        |
|---------------------------------|--|--|--|--|---|---|--|--|------------------------|----------------|--|------------------------|
| -                               | (  | CLAIM  | S AS   | FILED - I                                | PART I<br>(Colur  | nn 2)   | SMAL   |  | YIIIY                  | OR_            | OTHER<br>SMALL E                             |                        |
| FOR NUMBER FILED NUMBER EXTRA   |  |  |  |  | XTFA  | RATI  |  | FEE  | F                      | RATE           | FEE  |                        |
| ASIC FEE                        |  |  |  |  | 420   | 420   |  | 0  | 380.00                 | OR             |  |                        |
|                                 | AL CLAIMS  | <  | minus 2  | :O= <b>*</b>                             | •   |   | -  | ,  | OR                     | X\$18=         |  |                        |
| IDEPENDENT CLAIMS 2             |  |  | minus 3 = *  |  |   | X39   |  |  | OR                     | X78=           |  |                        |
| ULTIPLE DEPENDENT CLAIM PRESENT |  |  |  | UID.                                     |   | +130  |  | 130  | OR                     | +260=          |  |                        |
|                                 |  |  |  |  | 7   | olumn 2   |  | _  | <u></u>                | l l            | TOTAL  |                        |
| lf t                            |  |  |  |  | ro, enter "O" in o  | Olomin E  | TOTA   | т  | 550                    | JOR            | OTHER  | THAN                   |
|                                 | CI   |  |  | MENDED                                   | - PART II<br>(Column 2)   | (Column 3)  | SMA  | LLE  | NTITY                  | OR             | SMALL  | NTITY                  |
|                                 |  | (Colun<br>CLAI<br>REMAI<br>AFTI  | MS<br>NING<br>ER   |  | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA  | RAT  | E  | ADDI-<br>TIONAL<br>FEE |                | RATE   | ADDI-<br>TIONAL<br>FEE |
| AMENDMEN                        | Total **   | AMEND  |  | Minus                                    | - 20  | = 3   | X\$ 9  | )=   | 27                     | OR             | X\$18=                                       |                        |
|                                 | Independent  | . 7  |  | Minus                                    | ··· 3   | = 4   | X39  | =  | 156                    | OR             | X78=   |                        |
|                                 |  |  |  |  |   |   | 1  |  |                        | 1              |  |                        |
| ₹                               | FIRST PRESE  | NTATIO   | OF MU  | JLTIPLE DE                               | PENDENT CLAIM   |   | 113  | _  | •                      |                | +260=  | 1                      |
| ₹                               | FIRST PRESE  | NTATION  | OF MU  | JLTIPLE DE                               | PENDENT CLAIN   | <u></u>   | +13  | )= .<br>)TAL   |                        | OR             | +260=<br>TOTAL                               |                        |
| ₹                               | FIRST PRESE  | NTATION  | OF ML  | JETIPLE DE                               |   |   |  | TAL  |                        | OR<br>OR       | TOTAL  |                        |
| ₹ <u> </u>                      | FIRST PRESE  | (Colu  | mn 1)  | JLTIPLE DE                               | (Column 2)  | (Column 3)  | 10   | TAL  | ADDI-                  | <b>4</b> ⋯     | TOTAL  | ADDI-                  |
|                                 | FIRST PRESE  | (Colu<br>CU<br>REMA  | mn 1)<br>WMS<br>WNING<br>TER   | JETIPLE DE                               | (Column 2) HIGHEST NUMBER PREVIOUSLY  |   | 10   | TAL  |                        | <b>4</b> ⋯     | TOTAL  | ADDI-<br>TIONAI<br>FEE |
|                                 | FIRST PRESE  | (Colu<br>CU<br>REMA  | mn 1)<br>VMS<br>VNING  | Minus                                    | (Column 2) HIGHEST NUMBER   | (Column 3)  | ADDIT.   | TAL<br>FEE   | ADDI-<br>TIONAL        | <b>4</b> ⋯     | TOTAL ADDIT. FEE                             | TIONAL<br>FEE          |
|                                 | Total Independent  | (Colu<br>CU<br>REMA<br>AF<br>AMEN  | mn 1) ums uning ter oment  | Minus<br>Minus                           | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR   | (Column 3) PRESENT EXTRA                                      | ADDIT.   | TAL<br>FEE   | ADDI-<br>TIONAL        | OR             | RATE X\$18=                                  | TIONAL<br>FEE          |
|                                 | Total Independent  | (Colu<br>CU<br>REMA<br>AF<br>AMEN  | mn 1) ums uning ter oment  | Minus<br>Minus                           | (Column 2) HIGHEST NUMBER PREVIOUSLY  | (Column 3) PRESENT EXTRA                                      | ADDIT.   | TAL<br>FEE<br>9=   | ADDI-<br>TIONAL        | OR             | RATE X\$18=                                  | TIONAL<br>FEE          |
|                                 | Total Independent  | (Colu<br>CU<br>REMA<br>AF<br>AMEN  | mn 1) ums uning ter oment  | Minus<br>Minus                           | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR   | (Column 3) PRESENT EXTRA                                      | ADDIT.  RA  X\$  X3  +13                         | OTAL FEE  9= 0= OTAL   | ADDI-<br>TIONAL<br>FEE | OR<br>OR       | TOTAL ADDIT. FEE X\$18= X78= +260=           | TIONAL FEE             |
|                                 | Total Independent  | (Colu<br>CLA<br>REMA<br>AF<br>AMEN<br>• S<br>• S<br>• ENTATIO            | min 1) www. wining ter dment   | Minus<br>Minus                           | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR   | (Column 3) PRESENT EXTRA  = /4                                | ADDIT.  RA  X\$  X3  +13                         | OTAL FEE  9= 0= OTAL   | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE X\$18= X78= +260=                       | TIONAL FEE             |
| C AMENDMENT B                   | Total<br>Independent<br>FIRST PRES                         | (Colu<br>REMA<br>AF<br>AMEN<br>AMEN<br>COOL<br>CL<br>REM<br>AI           | min 1)  WMS  WINING  TER  DMENT  ON OF M  WINING  AIMS  AIMING  FTER   | Minus<br>Minus<br>ULTIPLE DI             | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  EPENDENT CLAI  (COlumn 2) HIGHEST NUMBER PREVIOUSLY        | (Column 3)  PRESENT EXTRA  = // M  -(Column 3)  PRESENT       | ADDIT.  RA*  X\$  X3  +13                        | OTAL FEE  9= 0= OTAL   | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE X\$18= X78= +260=                       | TIONAL FEE             |
| C AMENDMENT B                   | Total<br>Independent<br>FIRST PRES                         | (Colu<br>REMA<br>AF<br>AMEN<br>AMEN<br>COOL<br>CL<br>REM<br>AI           | min 1) wims wining ten DMENT  OMENT  Alms Alms Alming  | Minus<br>Minus<br>ULTIPLE DI             | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  EPENDENT CLAI  (Column 2) HIGHEST NUMBER                   | (Column 3)  PRESENT EXTRA  = // M  -(Column 3)  PRESENT       | ADDIT.  RA  X\$  ADDIT.                          | OTAL<br>FEE<br>9=<br>9=<br>OTAL  | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE  X\$18=  X78=  +260=  RATE  RATE        | ADDITIONAL FEE         |
| C AMENDMENT B                   | Total<br>Independent<br>FIRST PRES                         | (Colu<br>REMA<br>AF<br>AMEN<br>AMEN<br>COOL<br>COL<br>REM<br>AMEN        | min 1) www. www. www. www. www. www. www. ww   | Minus<br>Minus<br>ULTIPLE D              | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR               | (Column 3)  PRESENT EXTRA  = // M  -(Column 3)  PRESENT EXTRA | ADDIT.  RA  X\$  ADDIT.  RA  X3  +13  ADDIT.     | 9=<br>0=<br>0=<br>TE   | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE  X\$18=  X78=  +260=  TOTAL  ADDIT. FEE | ADDITIONAL FEE         |
| AMENDMENTB                      | Total Independent FIRST PRES  Total Independent            | (Colu<br>REMA<br>AF<br>AMEN<br>AMEN<br>COOL<br>CL<br>REM<br>AMEN         | min 1)  WMS  WINING  TER  DMENT  ON OF M  WINING  AIMS  AIMS | Minus  WLTIPLE DI  Minus  Minus  Minus   | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR               | (Column 3)  PRESENT EXTRA  = // M  -(Column 3)  PRESENT EXTRA | ADDIT.  RA  X\$  ADDIT.  RA  X3  +13  ADDIT.     | 9=<br>9=<br>0=<br>0TAL<br>9=<br>9=<br>0=<br>0TAL<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0=<br>0= | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE  X\$18=  X78=  +260=  TOTAL  ADDIT. FEE | ADDITIONAL FEE         |
| AMENDMENT C AMENDMENT B         | Total Independent FIRST PRES  Total Independent FIRST PRES | (Colu<br>REMA<br>AF<br>AMEN<br>AMEN<br>COL<br>CL<br>REMA<br>AMEN<br>AMEN | UMIN 1)  JUMIN TER  DMENT  JUMIN 1)  AIMS  AIMS  AIMS  AIMS  FIER  FOMENT  ON OF I   | Minus  Minus  Minus  Minus  Minus  Minus | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  THE COLUMN 2 | (Column 3)  PRESENT EXTRA  = // M  -(Column 3)  PRESENT EXTRA | ADDIT.  RA  XS  X3  +13  ADDIT.  RA  X1  X2  +14 | 9=<br>0=<br>0=<br>TE   | ADDI-<br>TIONAL<br>FEE | OR<br>OF<br>OF | RATE  X\$18=  X78=  +260=  TOTAL  ADDIT. FEE | ADDITIONAL FEE         |

**Application.or Docket Number**